

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of  
the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

XCS Service v1.00  
 con .cas  
 9351006 COM

Welcome to STN International! Enter x:x

LOGINID:ssspta1800mxz

PASSWORD:

avueb925

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
 SESSION RESUMED IN FILE 'USPATFULL' AT 11:26:20 ON 31 DEC 96  
 FILE 'USPATFULL' ENTERED AT 11:26:20 ON 31 DEC 96  
CA INDEXING COPYRIGHT (C) 1996 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.75	40.10

=> index bioscience COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.80	41.15

INDEX 'AIDSLINE, ANABSTR, AQUASCI, BIOPARTNERS, BIOSIS, BIOTECHABS,  
 BIOTECHDS,  
 CABA, CANCERLIT, CAPLUS, CEABA, CEN, CIN, CJACS, CJELSEVIER,  
 CONFSCI,  
 CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGLAUNCH, DRUGNL,  
 DRUGU, EMBAL, EMBASE, FSTA, GENBANK, ...' ENTERED AT 11:27:00 ON 31  
 DEC 96

45 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
 search error messages that display as 0\* with SET DETAIL OFF.

=> s (antibod?) (20w) (tissue or fibrin) (10w) (sealant or adhesive or glue)  
 1 FILE AIDSLINE  
 3 FILE BIOSIS  
 1 FILE BIOTECHABS  
 1 FILE BIOTECHDS  
 2 FILE CANCERLIT  
 14 FILES SEARCHED...  
 1 FILE CONFSCI  
 4 FILE EMBASE  
 30 FILES SEARCHED...  
 1 FILE JICST-EPLUS  
 1 FILE LIFESCI  
 4 FILE MEDLINE

38 FILES SEARCHED...

4 FILE SCISEARCH  
2 FILE TOXLINE  
1 FILE TOXLIT

13 FILES HAVE ONE OR MORE ANSWERS, 45 FILES SEARCHED IN STNINDEX

L20 QUE (ANTIBOD?) (20W) (TISSUE OR FIBRIN) (10W) (SEALANT OR ADHESIVE OR GL  
UE)

=>

=> d rank

F1	4	EMBASE
F2	4	MEDLINE
F3	4	SCISEARCH
F4	3	BIOSIS
F5	2	CANCERLIT
F6	2	TOXLINE
F7	1	AIDSLINE
F8	1	BIOTECHABS
F9	1	BIOTECHDS
F10	1	CONFSCI
F11	1	JICST-EPLUS
F12	1	LIFESCI
F13	1	TOXLIT

=> file embase medline scisearch biosis cancerlit aidsline biotechabs  
confsci

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.60	44.75

FILE 'EMBASE' ENTERED AT 11:31:29 ON 31 DEC 96

COPYRIGHT (C) 1996 Elsevier Science B.V. All rights reserved.

FILE 'MEDLINE' ENTERED AT 11:31:29 ON 31 DEC 96

FILE 'SCISEARCH' ENTERED AT 11:31:29 ON 31 DEC 96

COPYRIGHT (C) 1996 Institute for Scientific Information (ISI) (R)

FILE 'BIOSIS' ENTERED AT 11:31:29 ON 31 DEC 96

COPYRIGHT (C) 1996 BIOSIS(R)

FILE 'CANCERLIT' ENTERED AT 11:31:29 ON 31 DEC 96

FILE 'AIDSLINE' ENTERED AT 11:31:29 ON 31 DEC 96

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'CONFSCI' ENTERED AT 11:31:29 ON 31 DEC 96  
COPYRIGHT (C) 1996 Cambridge Scientific Abstracts (CSA)

=> s l1  
L21 2 FILE EMBASE  
L22 2 FILE MEDLINE  
L23 2 FILE SCISEARCH  
L24 6 FILE BIOSIS  
L25 1 FILE CANCERLIT  
L26 0 FILE AIDSLINE  
L27 0 FILE CONFSCI

TOTAL FOR ALL FILES

L28 13 L1

=> dup rem l1  
PROCESSING COMPLETED FOR L1  
L29 2 DUP REM L1 (0 DUPLICATES REMOVED)

=> dup rem l28  
PROCESSING COMPLETED FOR L28  
L30 6 DUP REM L28 (7 DUPLICATES REMOVED)

=> d 1-6

L30 ANSWER 1 OF 6 EMBASE COPYRIGHT 1996 ELSEVIER SCI. B.V.DUPLICATE 1  
AN 96256280 EMBASE  
TI Systemic administration of a nerve growth factor conjugate reverses  
age- related cognitive dysfunction and prevents cholinergic neuron  
atrophy.  
AU Backman C.; Rose G.M.; Hoffer B.J.; Henry M.A.; Bartus R.T.; Friden  
P.; Granholm A.-C.  
CS Department of Basic Science, Health Sciences Center, University of  
Colorado, 4200 East Ninth Avenue, Denver, CO 80262, United States  
SO Journal of Neuroscience, (1996) 16/17 (5437-5442).  
ISSN: 0270-6474 CODEN: JNRSDS  
CY United States  
DT Journal  
FS 008 Neurology and Neurosurgery  
037 Drug Literature Index  
LA English  
SL English

L30 ANSWER 2 OF 6 BIOSIS COPYRIGHT 1996 BIOSIS  
AN 95:186216 BIOSIS  
DN 98200516

TI Combination of doxorubicin-immunoconjugates and molecular intervention in bcl-2 oncogene expression to overcome drug resistance in small cell lung cancer.  
 AU Froesch B; Stahel R A; Ludke G; Zangemeister-Wittke U  
 CS Div. Oncol., Dep. Intern. Med., Univ. Hosp., Zurich, Switzerland  
 SO Eighty-sixth Annual Meeting of the American Association for Cancer Research, Toronto, Ontario, Canada, March 18-22, 1995. Proceedings of the American Association for Cancer Research Annual Meeting 36 (0). 1995. 341. ISSN: 0197-016X  
 DT Conference  
 LA English

---

L30 ANSWER 3 OF 6 BIOSIS COPYRIGHT 1996 BIOSIS  
 AN 94:127523 BIOSIS  
 DN 97140523  
 TI Enhanced protection against respiratory influenza A infection in mice by liposome-encapsulated antibody.  
 AU Wong J P; Stadnyk L L; Saravolac E G  
 CS Biomed. Defence Sect., Defence Res. Establishment Suffield, Box 4000, Medicine Hat, AB T1A 8K6, CAN  
 SO Immunology 81 (2). 1994. 280-284. ISSN: 0019-2805  
 LA English

L30 ANSWER 4 OF 6 EMBASE COPYRIGHT 1996 ELSEVIER SCI. B.V.DUPLICATE 2  
 AN 94210025 EMBASE  
 TI Effects of radiolabelled murine antibody infusion on TNF-.alpha., IL-1.beta., and soluble IL-2 receptor in cancer patients.  
 AU Gridley D.S.; Hammond S.N.; Slater J.M.  
 CS Department of Microbiology, Loma Linda Univ. School of Medicine, Loma Linda, CA 92350, United States  
 SO J. CLIN. LAB. ANAL., (1994) 8/4 (223-227).  
 ISSN: 0887-8013 CODEN: JCANEM  
 CY United States  
 DT Journal  
 FS 005 General Pathology and Pathological Anatomy  
 016 Cancer  
 LA English  
 SL English

L30 ANSWER 5 OF 6 BIOSIS COPYRIGHT 1996 BIOSIS  
 AN 94:35350 BIOSIS  
 DN 97048350  
 TI Immunotoxins for the treatment of leukaemia.  
 AU Uckun F M  
 CS Box 356 UMHC, Univ. Minn. Hosp., 420 Delaware St. SE, Minneapolis, MN 55455, USA  
 SO British Journal of Haematology 85 (3). 1993. 435-438. ISSN: 0007-1048

LA English

L30 ANSWER 6 OF 6 BIOSIS COPYRIGHT 1996 BIOSIS  
AN 90:368506 BIOSIS  
DN BR39:52982  
TI A BIFUNCTIONAL ANTIBODY DELIVERY SYSTEM  
CLINICAL STUDIES DEMONSTRATE IMAGING AND THERAPEUTIC POTENTIAL.  
AU STICKNEY D R; SLATER J B; KIRK G A; MERCHANT B; SCHWEIGHARDT S A;  
FRINCKE J M  
CS LOMA LINDA UNIV. SCH. MED., LOMA LINDA, CALIF.  
SO 37TH ANNUAL MEETING OF THE SOCIETY OF NUCLEAR MEDICINE, WASHINGTON,  
D.C., USA, JUNE 19-22, 1990. J NUCL MED 31(5 SUPPL.). 1990. 734.  
CODEN: JNMEAQ ISSN: 0161-5505  
DT Conference  
LA English

=> s l20

L31 4 FILE EMBASE  
L32 4 FILE MEDLINE  
L33 4 FILE SCISEARCH  
L34 3 FILE BIOSIS  
L35 2 FILE CANCERLIT  
L36 1 FILE AIDSLINE  
L37 1 FILE CONFSCI

TOTAL FOR ALL FILES

L38 19 L20

=> dup rem 138

PROCESSING COMPLETED FOR L38

L39 9 DUP REM L38 (10 DUPLICATES REMOVED)

=> d 1-9

L39 ANSWER 1 OF 9 SCISEARCH COPYRIGHT 1996 ISI (R)  
AN 96:886956 SCISEARCH  
GA The Genuine Article (R) Number: VT983  
TI Frequent coagulation factor V and thrombin antibody  
development after exposure to fibrin sealant (''  
glue'') in children undergoing cardiac surgery.  
AU O'Marcaigh A S (Reprint); Figueroa P I; Gilchrist G S; Porter C J;  
Puga F J; Danielson G K; Schaff H V; Pineda A A; Nichols W L  
CS MAYO CLIN, ROCHESTER, MN  
CYA USA  
SO BLOOD, (15 NOV 1996) Vol. 88, No. 10, Part 1, Supp. [1], pp.  
136-136.  
Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER,  
STE 300, PHILADELPHIA, PA 19106-3399.

ISSN: 0006-4971.

DT Conference; Journal

FS LIFE; CLIN

LA English

REC Reference Count: 0

---

L39 ANSWER 2 OF 9 BIOSIS COPYRIGHT 1996 BIOSIS

AN 95:315920 BIOSIS

DN 98330220

TI Evidence for the Presence of Collagenous Domains in *Candida albicans* Cell Surface Protein.

AU Sepulveda P.; Murgui A.; Lopez-Ribot J L; Casanova M; Timoneda J; Martinez J P

CS Dep. Microbiol., Fac. Farmacia, Room 3-70, Univ. Valencia, Avda. Vicente Andres Estelles, s/n, 46100-Burjassot, Valencia, Spain

SO Infection and Immunity 63 (6). 1995. 2173-2179. ISSN: 0019-9567

LA English

---

L39 ANSWER 3 OF 9 EMBASE COPYRIGHT 1996 ELSEVIER SCI. B.V.DUPLICATE 1

AN 95271624 EMBASE

TI Fibrin sealant matrix supports outgrowth of peripheral sensory axons.

AU Zeng L.; Huck S.; Redl H.; Schlag G.

CS Ludwig Boltzman Institute, Experimental Clinical Traumatology, Donaueschingenstrasse 13, A-1200 Vienna, Austria

SO Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery, (1995) 29/3 (199-204).  
ISSN: 0284-4311 CODEN: SJPSEM

CY Norway

DT Journal

FS 008 Neurology and Neurosurgery  
009 Surgery  
037 Drug Literature Index

LA English

SL English

---

L39 ANSWER 4 OF 9 EMBASE COPYRIGHT 1996 ELSEVIER SCI. B.V.DUPLICATE 2

AN 94146764 EMBASE

TI Antibodies formed against fibrin glue components and their circulatory relevance.

AU Seifert J.; Klause N.; Stobbe J.; Egbers H.-J.

CS Experimental Surgery, Dept of General and Thoracic Surgery, University of Kiel, Michaelisstrasse 5, 24105 Kiel, Germany, Federal Republic of

SO J. INVEST. SURG., (1994) 7/2 (167-171).  
ISSN: 0894-1939 CODEN: JISUE5

CY United Kingdom

DT Journal

FS 009 Surgery  
 027 Biophysics, Bioengineering and Medical Instrumentation  
 LA English  
 SL English

L39 ANSWER 5 OF 9 EMBASE COPYRIGHT 1996 ELSEVIER SCI. B.V.DUPLICATE 3  
 AN 93143567 EMBASE  
 TI Regulation of in vitro capillary tube formation by anti-integrin antibodies.  
 AU Gamble J.R.; Matthias L.J.; Meyer G.; Kaur P.; Russ G.; Faull R.; Berndt M.C.; Vadas M.A.  
 CS Hanson Center for Cancer Research, Medical/Veterinary Science Institute, Frome Road, Adelaide, SA 5000, Australia  
 SO J. CELL BIOL., (1993) 121/4 (931-943).  
 ISSN: 0021-9525 CODEN: JCLBA3  
 CY United States  
 DT Journal  
 FS 021 Developmental Biology and Teratology  
 029 Clinical Biochemistry  
 LA English  
 SL English

L39 ANSWER 6 OF 9 MEDLINE DUPLICATE 4  
 AN 94229368 MEDLINE  
 TI Viral safety of solvent-detergent treated blood products.  
 AU Horowitz B; Prince A M; Horowitz M S; Watklevicz C  
 CS New York Blood Center, NY 10021..  
 SO DEVELOPMENTS IN BIOLOGICAL STANDARDIZATION, (1993) 81 147-61. Ref:  
 47  
 Journal code: E7V. ISSN: 0301-5149.  
 CY Switzerland  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 9408

L39 ANSWER 7 OF 9 EMBASE COPYRIGHT 1996 ELSEVIER SCI. B.V.  
 AN 94025555 EMBASE  
 TI Antibody formation against clinically used fibrin glue.  
 AU Seifert J.; Stobbe J.; Elfeldt R.; Klause N.  
 CS ECKAC, Thoraxchirurgie der Universitat, Michaelisstrasse 5, 2300 Kiel 1, Germany, Federal Republic of  
 SO RES. SURG., (1993) 5/2 (92-95).  
 ISSN: 0214-5987 CODEN: RSURES  
 CY Spain

DT Journal  
 FS 009 Surgery  
     026 Immunology, Serology and Transplantation  
     037 Drug Literature Index  
 LA English  
 SL English

---

L39 ANSWER 8 OF 9 SCISEARCH COPYRIGHT 1996 ISI (R) DUPLICATE 5  
 AN 93:727616 SCISEARCH  
 GA The Genuine Article (R) Number: MJ682  
 TI ANTIBODIES TO BOVINE THROMBIN AND COAGULATION FACTOR-V  
ASSOCIATED WITH SURGICAL USE OF TOPICAL BOVINE THROMBIN OR  
FIBRIN GLUE - A FREQUENT FINDING  
 AU NICHOLS W L (Reprint); DANIELS T M; FISHER P K; OWEN W G; PINEDA A  
     A; MANN K G  
 CS MAYO CLIN & MAYO FDN, HEMATOL RES & TRANSFUS MED, ROCHESTER, MN,  
     55905; UNIV VERMONT, DEPT BIOCHEM, BURLINGTON, VT, 05405  
 CYA USA  
 SO BLOOD, (15 NOV 1993) Vol. 82, No. 10, Supp. 1, pp. A59.  
     ISSN: 0006-4971.  
 DT Conference; Journal  
 FS LIFE; CLIN  
 LA ENGLISH  
 REC No References

---

L39 ANSWER 9 OF 9 CONFSCI COPYRIGHT 1996 CSA  
 AN 94:27796 CONFSCI  
 DN 94-039812  
 TI Antibodies to bovine thrombin and coagulation factor V  
     associated with surgical use of topical bovine thrombin or  
     fibrin 'glue'  
 AU Nichols, W.L.; Daniels, T.M.; Fisher, P.K.; Owen, W.G.; Pineda,  
     A.A.; Mann, K.G.  
 SO The American Society of Hematology, 1101 Connecticut Ave., NW, Suite  
     700, Washington, DC 20036, Abstracts \$30.. Poster Paper No. 223.  
     Meeting Info.: 934 0061: 35th Annual Meeting and Exposition of the  
     American Society of Hematology (9340061). St. Louis, MO (USA). 3-7  
     Dec 1993. American Society of Hematology.  
 DT Conference  
 FS DCCP  
 LA English

=> log hold  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
21.79	66.54

08/479,038

Page 9

search error messages that display as 0\* with SET DETAIL OFF.

=> d his

(FILE 'HOME' ENTERED AT 10:53:11 ON 31 DEC 96)

FILE 'MEDLINE' ENTERED AT 10:53:16 ON 31 DEC 96

L1 2 S ANTIBODY DELIVERY SYSTEM  
L2 23 S ANTIBODY DELIVERY  
L3 4197 S (ANTIBOD? OR IMMUNOGLOB?) AND (FIBRIN OR FIBRINOGEN)  
L4 20 S L3 AND FIBRIN MATRIX  
L5 2 S ANTIBOD?(7W)FIBRIN(7W)(SEALANT OR ADHESIVE OR GLUE)

FILE 'CAPLUS' ENTERED AT 11:03:21 ON 31 DEC 96

L6 5 S L1  
L7 0 S L5

FILE 'WPIDS, JAPIO, INPADOC' ENTERED AT 11:04:52 ON 31 DEC 96

L8 0 FILE WPIDS  
L9 0 FILE JAPIO  
L10 9 FILE INPADOC  
TOTAL FOR ALL FILES  
L11 9 S L1  
L12 0 FILE WPIDS  
L13 0 FILE JAPIO  
L14 0 FILE INPADOC  
TOTAL FOR ALL FILES  
L15 0 S L5

FILE 'USPATFULL' ENTERED AT 11:06:18 ON 31 DEC 96

L16 1 S L1  
L17 0 S L5  
L18 0 S ANTIBOD?(20W)FIBRIN(10W)(SEALANT OR ADHESIVE OR GLUE)  
L19 0 S ANTIBOD?(20W)TISSUE(10W)(SEALANT OR ADHESIVE OR GLUE)

INDEX 'AIDSLINE, ANABSTR, AQUASCI, BIOBUSINESS, BIOSIS, BIOTECHABS,  
BIOTECHDS, CABA, CANCERLIT, CAPLUS, CEABA, CEN, CIN, CJACS,  
CJELSEVIER, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS,  
DRUGB, DRUGLAUNCH, DRUGNL, DRUGU, EMBAL, EMBASE, FSTA, GENBANK,  
...' ENTERED AT 11:27:00 ON 31 DEC 96

SEA (ANTIBOD?) (20W) (TISSUE OR FIBRIN) (10W) (SEALANT OR ADH

-----  
1 FILE AIDSLINE  
3 FILE BIOSIS  
1 FILE BIOTECHABS  
1 FILE BIOTECHDS  
2 FILE CANCERLIT  
1 FILE CONFSCI  
4 FILE EMBASE  
1 FILE JICST-EPLUS  
1 FILE LIFESCI  
4 FILE MEDLINE

BEST AVAILABLE COPY

L20            4 FILE SCISEARCH  
          2 FILE TOXLINE  
          1 FILE TOXLIT  
          QUE (ANTIBOD?) (20W) (TISSUE OR FIBRIN) (10W) (SEALANT OR ADH  
-----

FILE 'EMBASE, MEDLINE, SCISEARCH, BIOSIS, CANCERLIT, AIDSLINE,  
CONFSCI' ENTERED AT 11:31:29 ON 31 DEC 96

L21            2 FILE EMBASE  
L22            2 FILE MEDLINE  
L23            2 FILE SCISEARCH  
L24            6 FILE BIOSIS  
L25            1 FILE CANCERLIT  
L26            0 FILE AIDSLINE  
L27            0 FILE CONFSCI

TOTAL FOR ALL FILES

L28            13 S L1  
-- L29            2 DUP REM L1 (0 DUPLICATES REMOVED)  
L30            6 DUP REM L28 (7 DUPLICATES REMOVED)  
L31            4 FILE EMBASE  
L32            4 FILE MEDLINE  
L33            4 FILE SCISEARCH  
L34            3 FILE BIOSIS  
L35            2 FILE CANCERLIT  
L36            1 FILE AIDSLINE  
- L37            1 FILE CONFSCI  
TOTAL FOR ALL FILES  
L38            19 S L20  
L39            9 DUP REM L38 (10 DUPLICATES REMOVED)

FILE 'HOME' ENTERED AT 11:57:10 ON 31 DEC 96

INDEX 'CAPPLUS, APIPAT, CROPU, DGENE, DPCI, IFIPAT, INPADOC, JAPIO,  
PAPERCHEM2, PATDD, PATDPA, PATOSDE, PATOSEP, PATOSWO, PIRA, RAPRA,  
TULSA, TULSA2, USPATFULL, WPIDS, WPINDEX' ENTERED AT 11:57:20 ON 31  
DEC 96

=> S 120  
19 FILES SEARCHED...

0 FILES HAVE ONE OR MORE ANSWERS,      21 FILES SEARCHED IN STNINDEX

L40    QUE L20

=> S (antibod?) (20w) (tissue or fibrin) (10w) (sealant or adhesive or glue)

0 FILES HAVE ONE OR MORE ANSWERS,      21 FILES SEARCHED IN STNINDEX

L41    QUE (ANTIBOD?) (20W) (TISSUE OR FIBRIN) (10W) (SEALANT OR ADHESIVE OR GL  
UE)

=> S antibody delivery system

BEST AVAILABLE COP^

5 FILE CAPLUS  
9 FILE INPADOC  
1 FILE PATOSEP  
1 FILE USPATFULL

4 FILES HAVE ONE OR MORE ANSWERS, 21 FILES SEARCHED IN STNINDEX

L42 QUE ANTIBODY DELIVERY SYSTEM

BEST AVAILABLE COPY